## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	2	("20060283912").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/09 15:58
L7	1114	228/110.1,11.1.cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 116:29
L8	7	7 and ultras\$4 near5 weld\$3 same (measur\$4 or test\$3 or check\$3 or inspect\$3 or judg\$3) near5 quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 16:31
L9	157	ultras\$4 near5 weld\$3 same (measur\$4 or test \$3 or check\$3 or inspect \$3 or judg\$3) near5 quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 16:33
L10	0	7 and ultras\$4 near5 weld\$3 same decompress \$4 near10 measur\$5 near10quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 16:43
L11	2	7 and ultras\$4 near5 weld\$3 near10 measur\$5 near10 quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 116:44
L12	0	7 and ultras\$4 near5 weld\$3 same decompress \$4 near10 measur\$5 near10 quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 116:44

L13	1953	228/110.1,1.1.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 16:46
L14	3	13 and ultras\$4 near5 weld\$3 near10 measur\$5 near10 quality	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 16:46
L15	О	13 and ultras\$4 near5 weld\$3 same decompress \$4 near10 measur\$5 near10 quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/09 16:46
S1	1068	228/1.1, "110"".""1".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 16:19
82	1899	228/1.1,110.1.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 16:19
S3	115	\$2 and weld\$3 same conductor same (ultrason \$3 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 16:22
S4	9	EP-0208310-\$.DID. OR US-5941443-\$.DID. OR US-304172-\$.DID. OR US-3040172-\$.DID. OR DE-3667930-\$.DID. OR US-401987-\$.DID. OR US-401987-\$.DID. OR US-7937494-\$.DID. OR US-9601088-\$.DID. OR DE-59403750-\$.DID. OR DE-59403750-\$.DID. OR DE-59403750-\$.DID. OR DE-59403750-\$.DID. OR DR WO-9510866-\$.DID. OR WS-2107862-\$.DID. OR US-2107862-\$.DID. OR US-2107862-\$.DID.	US PGPUB; USPAT; USOCR	OR	ON	2008/06/24 16:30

S5	9	("3697837"   "4646987"   "4799614"   "4826067"   "4867370"   "4869419"   "5613000"   "5772100").PN. OR ("5941443").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 16:33
S6	12	("4032382"   "4596352"   "4646957"   "4730764").PN. OR ("4869419").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/24 17:01
S7	0	\$2 and weld\$3 near10 conductor and decompress\$3 near10 after near10 weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:08
S8	0	S2 and weld\$3 near10 conductor and decompress\$3 near10 weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;  BM_TDB	OR	ON	2008/06/24 17:09
S9	0	\$2 and weld\$3 near10 conductor and decompress\$3 same weld \$3	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:09
S10	1	weld\$3 near10 conductor and decompress\$3 near10 after near10 weld \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:09
S11	31	weld\$3 near10 conductor and measur\$3 near10 after near10 weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:10
S12	1	weld\$3 near10 conductor and ultraso\$4 same measur\$3 near10 after near10 weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/06/24 17:10

S13	0	EP-0701876-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:22
S14	0	EP-1996701876-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:22
S15	2	EP-701876-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:23
S16	12	nuss-lothar.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:27
S17	67	"4596352" "4631685" "6393924"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/24 17:42
S18	6	(("4596352") or ("4631685") or ("6393924")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/24 17:43
S19	4	(test\$3 or check\$3) near10 quality near10 weld\$3 same conductor and (ultrason\$3 or sonotrode)	US PCPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 09:04
\$20	1022	schunk.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/06/25 09:48

S21	8	schunk.as. and weld\$3 near10 conductor and sonotrode and measur\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 09:49
S22	8	(test\$3 or check\$3) near10 quality near10 weld\$3 same (open\$3 or decompress\$3) and (ultrason\$3 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 10:23
S23	0	wo-2001015036-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 11:38
S24	0	wo-200115036-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 11:38
S25	1	wo-0115036-\$.did.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 11:39
S26	11	(test\$3 or check\$3) near10 quality near10 weld\$3 same (depressur \$4 or pressur\$4 or decompress\$3) and (ultrason\$3 or sonotrode)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 11:55
S27	1	(test\$3 or check\$3) near10 quality near10 weld\$3 same (releas\$3 or reliev\$3) near10 pressure same (ultrason \$3 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 11:59
S28	1	(test\$3 or check\$3) near10 quality near10 weld\$3 same (releas\$3 or reliev\$3) near10 pressure and (ultrason\$3 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2008/06/25 12:56

S29	21	(test\$3 or check\$3) near10 quality near10 weld\$3 near10 ultraso\$4 same (time or duration or second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:24
S30	9	quality near10 weld\$3 near10 ultraso\$4 near10 (millisecond or ms or duration or second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:32
S31	1	quality near10 weld\$3 near10 ultraso\$4 same millisecond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:37
S32	6	quality same weld\$3 same ultraso\$4 same millisecond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:39
<b>S</b> 33	42	quality same weld\$3 same ultraso\$4 same (millisecond or ms)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:40
S34	42	quality same weld\$3 same ultraso\$4 same (millisecond or "ms")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:41
<b>S</b> 35	2	quality same weld\$3 same conductor same ultraso\$4 same (millisecond or "ms")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 16:43
S36	8	("3678738"   "3916304"   "4503392"   "4826067"   "5028381"     "5412997").PN. OR ("6393924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/25 16:47

S37	1	(test\$3 or check\$3 or inspect\$3 or judg\$3) near10 quality near10 weld\$3 near10 (apply\$3 or subject\$3) with ultraso \$4	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 17:51
S38	1022	schunk.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 17:55
S39	4	\$38 and (test\$3 or check \$3 or inspect\$3 or judg \$3) near10 quality near10 weld\$3 near10 ultraso\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 17:55
S40	5	\$38 and (test\$3 or check \$3 or inspect\$3 or judg \$3) near10 quality near10 weld\$3 same ultraso\$4	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/25 17:56
S41	41	("3602257"   "3874963"   "3925139"   "4047992"   "4159220"   "4301343"   "4410381"   "4549269").PN. OR ("4631685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/25 18:00
S42	14	("3192474"   "3303418" "3609537"   "3611125"   "3676775"   "3735253").PN. OR ("3916304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/25 18:13
S43	31	weld\$3 near10 conductor same ultras\$4 near10 time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:52
S44	0	weld\$3 near10 conductor same ultras\$4 near10 (millisecond)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:56

S45	0	weld\$3 near10 conductor same ultras\$4 same (millisecond)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:57
S46	0	weld\$3 near10 conductor and ultras\$4 near10 millisecond	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:58
S47	12	weld\$3 near10 conductor and ultras\$4 near10 (millisecond or "ms")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:58
S48	0	(test\$3 or check\$3 or inspect\$3 or judg\$3) near10 quality near10 after near10 weld\$3 near10 ultraso\$4 and conductor	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 17:06
S49	8	ultras\$5 near10 after near10 weld\$3 same quality and conductor	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 17:07
S50	3	(apply\$3 or subject\$3) near5 ultras\$5 near10 after near10 weld\$3 same quality	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 17:13
S51	3	("3890831").FN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/22 08:49
S52	5	("3724265"   "3832889"). PN. OR ("3890831"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 08:50
S53	2	("6056184").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/22 16:24

S54	3	("6616375").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/22 16:57
S65	23	("0272728"   "2211167"   "3703960"   "3730884"   "4120312"   "4246925"   "4824572"   "4930934"   "5133622"   "5192426"   "5221158"   "5350251"   "5356274"   "5441632"   "5498330"   "5895569"   "6102618"   "6010380"   "6102618"   "6261434"). PN. OR ("6616375"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 17:04
<b>S</b> 56	71	ultras\$5 near2 within near5 (chamber or apparatus) and weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23
S57	0	weld\$3 same (test\$3 or check\$3 or inspect\$3 or judg\$3) near5 quality and ultras\$5 near2 within near5 (assembly or system or chamber or apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 11:55
S58	18	weld\$3 same (test\$3 or check\$3 or inspect\$3 or judg\$3) and ultras\$5 near2 within near5 (assembly or system or chamber or apparatus)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 11:56
S59	2	("6750446").PN.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/23 13:31
S60	7	("4468265"   "4894533"   "5059901"   "5497080"   "5557101"   "5828060"   "5858142").PN. OR ("6750446").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/23 13:36

S61	18	ultras\$5 near2 (pulse or signal) same weld\$3 same measur\$4 near5 (dimension or height or width or length)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 15:18
S62	24	inspect\$4) same weld\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 15:38
S63	2	("6070777").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/23 15:52

## EAST Search History (Interference)

## 7/9/2009 4:46:54 PM

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